

## ABSTRACT

A diffusion membrane is a microporous sheet comprising a blend of an aliphatic polyolefin and a thermoplastic olefin (TPO) elastomer. The blend comprises less than 10 percent by weight of the elastomer. The preferred polyolefins are selected from a group consisting of polyethylene, polypropylene, copolymers thereof, and blends thereof. The preferred TPO elastomers are selected from the group consisting of ethylene-propylene rubbers (EPR), ethylene-propylene-diene terpolymer rubbers (EPDM), and combinations thereof.

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